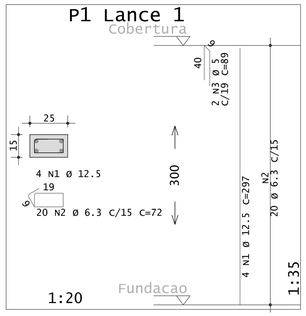
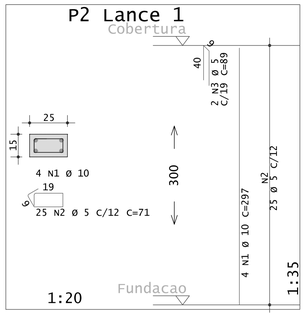
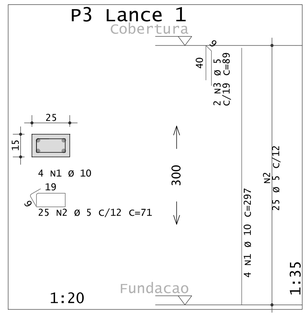
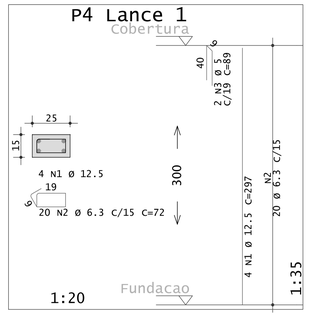
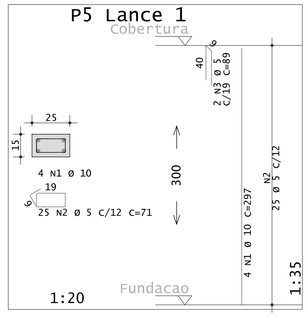
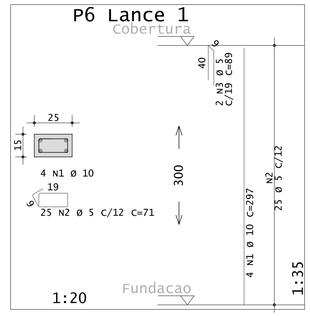


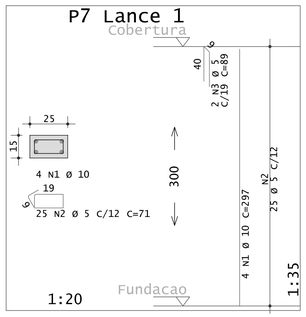


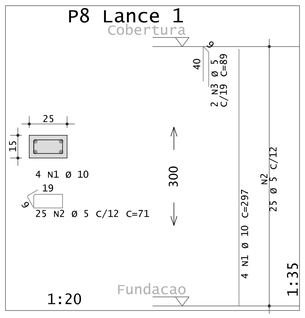












AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
P1 Lance 1					
50A	1	12.5	4	297	1188
50A	2	6.3	20	72	1440
60A	3	5	2	89	178
P2 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178
P3 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178
P4 Lance 1					
50A	1	12.5	4	297	1188
50A	2	6.3	20	72	1440
60A	3	5	2	89	178
P5 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178
P6 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178
P7 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178
P8 Lance 1					
50A	1	10	4	297	1188
60A	2	5	25	71	1775
60A	3	5	2	89	178

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	121	19
50A	6.3	29	7
50A	10	71	44
50A	12.5	24	23
Peso Total	60A =		19 kgf
Peso Total	50A =		74 kgf

- DEVE SER UTILIZADO CONCRETO DE RESISTÊNCIA Fck 25MPa E AGREGADO DE 19MM (BRITA 1);
- QUAISQUER ALTERAÇÕES OU DÚVIDAS DEVEM SER CONSULTADAS COM O PROJETISTA;
- RESPEITAR O COBRIMENTO DE ARMADURA PARA OS ELEMENTOS ESTRUTURAIS;
- EFETUAR A CURA DO CONCRETO PELO PERÍODO DE 03 DIAS APÓS A CONCRETAGEM;

Responsável Técnico pelo projeto
Engenheiro Civil Vander Dhiel
CREA-RS 248518

Proprietário **Município de Sinimbu**

Obra **Ampliação da ESF Pinhal**

Prancha **06/11**

Escala **Indicada**

Projeto **Pilares Sala 1 e 2**

Concreto **FCK 25 MPa**

Localização
Pinhal Santo Antônio / Sinimbu - RS

Data **10 / 12 / 2025**